

CLAIMS

1. A door catch for attachment to multiple panel covered doors wherein there is a wheel supported at an outer end of the door and adapted to interengage with a cupboard frame or side to thereby hold the door closed, characterised in that the wheel has an outer circumference provided by a plurality of radially extending portions.
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2. A door catch as in claim 1, further characterised in that the portions are vanes that are aligned so as to be at least approximately parallel to the axis of the wheel.
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3. A door catch as in claim 2, further characterised in that the portions are each resiliently deflectable one with respect to the other.
4. A door catch as in claim 3, wherein the portions are approximately planar and are aligned so as to be at least approximately parallel to an axis of rotation of the wheel and extending radially from the said axis.
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5. A door catch as in claim 1 or 2, further characterised in that the wheel is rotatably supported by an arm, which is supported by a base such that the arm is adapted to be resiliently deflectable relative to the base.
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6. A door catch for a cabinet door, the door catch including: a body member having a base portion adapted to be secured to a vertical inner surface of a cabinet door;
25 a projecting arm projecting from the base member and a roller pivotally mounted to the projecting arm portion for pivotal movement of the roller about an axis parallel to the plane of the cabinet door; such that in use, when the cabinet door is being closed, the pivotally mounted roller contacts an inner surface substantially perpendicular to that of the cabinet door and the projecting arm portion is deflected

such that the pivotally mounted roller urges against the substantially perpendicular inner surface to provide a resistance force against movement of the cabinet door relative to the inner surface so as to hold the cabinet door in its closed position.

- 5 7. A door catch as in claim 6, further characterised in that the cabinet door is a multi panel door or a bi-fold door.
8. A door catch as in claim 7, wherein the bi-fold door closes off a corner opening of a cabinet structure.
- 10 9. A door catch as in claim 6, wherein the projecting arm portion extends away from an end of the base portion at an angle of approximately 45 degrees.
10. A door catch as in any one of claims 6-9, wherein the base member and projecting arm are integrally molded from plastics material.
- 15 11. A door catch as in any one of claims 6-10, wherein the plastics material has resiliently deflectable properties.
12. A door catch as in any one of claims 6-11, the radially extending portions are tapered so they are thicker at their base.
- 20 13. A fitting for multiple panel doors which includes a base rotatably supporting at least one wheel, wherein the at least one wheel has an outer circumference provided by a plurality of radially extending portions.
14. A fitting for multiple panel doors as in claim 13 further characterised in that the radially extending portions are each resiliently deflectable one with respect to the other.
- 25 15. A fitting for multiple panel doors as in claim 13 or 14 further characterised in that the wheel is rotatably supported by an arm which

is supported by a base such that the arm is adapted to be resiliently deflectable relative to the base.

- 5 16. A fitting for multiple panel doors as in claim 15 further characterised in that the radially extending portions are in the form of vanes or paddles which are aligned so that they are deflectable about an axis which is parallel to the axis of rotation of the wheel.
- 10 17. An arrangement for multiple panel cupboard doors where there is a wheel supported at an outer end of the door and adapted to interengage with the cupboard frame or side to thereby hold the door closed, characterised in that the wheel is supported relative to the door by an arm which is resiliently deflectable with respect to a supporting base.
18. An arrangement for multiple panel cupboard doors as in claim 17 further characterised in that the arm is integral with the base.
- 15 19. An arrangement for multiple panel cupboard doors as in either of claims 17 or 18 further characterised in that the base and arm are together made from a resilient plastics material and are formed so as to allow for relative resilient deflection between the two.
- 20 20. A catch secured to a bi-fold door where the catch includes a body member having a base portion adapted to be secured to a vertical inner surface of a cabinet door, a projecting arm projecting from the base member and a roller pivotally mounted to the projecting arm portion to enable rotation about an axis parallel to a plane of a cabinet door.
- 25 21. An improved door catch substantially as hereinbefore described with reference to the drawings.